

The specialized company in the Czech Republic took the emission measuring when UKM 2001.D is in the process.

- 1) Having the high speed of the fan on; shutter of d.30 mm in the exhaust flap; smoking in the length of 1.5 hour
- 2) Having the low speed of the fan on; shutter of d.30 mm in the exhaust flap; smoking in the length of 40 minutes

1) SUMMARY OF RESULTS OF EMISSION MEASURING AT THE SMOKING CHAMBER

	Measuring	1
Average concentrations of watched emission components under standard conditions in moist gas		
Measured component	Unit	Concentration
SO ₂	[mg/m ³]	10
NO _x	[mg/m ³]	36
CO	[mg/m ³]	5759
TOC	[mg/m ³]	1109,2
O ₂	[vol.%]	19,3
Weight flows of individual emission components		
Mt SO₂	[kg/hour]	0,000
Mt NO_x	[kg/hour]	0,002
Mt CO	[kg/hour]	0,274
Mt TOC	[kg/hour]	0,053
Q_v NP	[m ³ /hour]	48

2) SUMMARY OF RESULTS OF EMISSION MEASURING AT THE SMOKING CHAMBER

	Measuring	1
Average concentrations of watched emission components under standard conditions in moist gas		
Measured component	Unit	Concentration
SO ₂	[mg/m ³]	9
NO _x	[mg/m ³]	34
CO	[mg/m ³]	5053
TOC	[mg/m ³]	1069,1
O ₂	[vol.%]	19,2
Weight flows of individual emission components		
Mt SO ₂	[kg/hour]	0,000
Mt NO _x	[kg/hour]	0,001
Mt CO	[kg/hour]	0,213
Mt TOC	[kg/hour]	0,045
Q _{V NP}	[m ³ /hour]	42

CO – carbon monoxide

NO_x – nitrogen oxides expresses as NO_x

SO₂ – sulfur dioxide

O₂ – oxygen volume concentration

TOC – total carbonic oxide

Q_{V NP} - volumetric flow of the carrier gas under standard conditions in moist gas